



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/578,503

05/26/2000

Cheh Goh

1509-114

7899

22879

7590

01/26/2005

HEWLETT PACKARD COMPANY  
P O BOX 272400, 3404 E. HARMONY ROAD  
INTELLECTUAL PROPERTY ADMINISTRATION  
FORT COLLINS, CO 80527-2400

EXAMINER

SONG, HOSUK

ART UNIT

PAPER NUMBER

2135

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/578,503

**Applicant(s)**

GOH ET AL.

**Examiner**

Hosuk Song

**Art Unit**

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 August 2004.  
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☒ Claim(s) 8,20,21 and 27 is/are allowed.  
6) ☒ Claim(s) 1-5,11,12,14-17,22,23 and 29-32 is/are rejected.  
7) ☒ Claim(s) 6,7,9,10,13,18-19,24-26,28 is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-5,14-17,29-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Raab et al(US 5,751,967) in view of Birnbaum(US 5,797,128).

Claims 1,4,5,14,16,17,29-32: Raab's patent discloses a policy system for receiving a definition of a high level policy for the configuration of the computer system and permitted refinements to that policy, the definition referring to a plurality of the entities in (fig.3,4). Raab's patent discloses an entity memory for storing information about the computer system and its environment including the entities, the hierarchy thereof and not-hierarchical relations between the entities in (fig.2 and col.2,lines 29-64). Raab discloses a processor coupled to the policy system and the entity memory and operable to refine the high level policy definition with reference to the permitted refinements thereto and the stored information about the entities to which the high level policy definition relates in order to produce a refined policy definition deployable on the computer system in (col.2,lines 12-59;col.13,lines 64-67;col.14,lines 1-7 and fig.3,4). Raab does not specifically disclose refinement including adding details to the high level policy definition. Birnbaum disclose refinement including adding details to the high level policy definition in (col.4, lines 47-60). It would have been obvious to person of ordinary skill in the art at the time invention was made to add details to the high level policy definition in the refinement as taught in Birnbaum with policy system disclosed in Raab in order to fully meet various types

of configuration or threats so that system can be fully protected against unwanted modification/attacks.

Claims 2-3,15: Raab does not specifically disclose a user interface with which a user can interact with apparatus. Official notice is taken that user interface such as GUI is well known in the art. One of ordinary skill in the art would have been motivated to employ user interface in order for user to quickly and easily view,manage and interact with related apparatus thus making user's task more efficient

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 11-12,22-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Birnbaum(US 5,797,128).

Claims 11,22-23: Birnbaum disclose a policy system for receiving a policy for the configuration of the computer system in terms of a policy context referring to unbound entities and a policy statement in (col.3,lines 13-22). Birnbaum disclose ab entity memory for storing for each of the unbound entities a pointer to data in the computer system representing at least one instance of that entity and a rule memory for storing rules for interpreting the policy statement as instructions executable by the computer system in (fig.1c;col.5,lines 40-59). Birnbaum disclose

Art Unit: 2135

a processor which is operable with reference to the pointers to bind the unbound entities in the policy context to instances of those entities and with references to the interpretation rules to interpret the policy statement into a series of instructions to the computer system referring to the bound instances or derivatives of them in (col.4,lines 27-60).

Claim 12: Birnbaum disclose processor is operable to determine a group of the bound instances and at least one of the instructions refers to such a determined group in (fig.1c,2).

### ***Allowable Subject Matter***

3. Claims 8,20,21,27 are allowed.

Claims 8,20,27: Prior art of record does not teach a library of policy templates each template including a respective such high level policy definition and respective such permitted policy refinements, the library being coupled to the policy system and a desired one or more of the policy templates being selectable by the user via the user interface for supply to the means policy system.

Claim 21: Prior art of record does not teach the refined policy being in terms of a policy context referring to unbound entities and a policy statement;stored information about at least some of the entities relates to abstract entites, and includes for each such abstract entity, a pointer to data in the computer system representing an instance of that abstract entity.

Claims 6-7,9-10,24-26,13,28,18-19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Response to Amendment***

4. Claims 1-32 are pending. The previous grounds of rejection based on the Raab patent is withdrawn in view of Applicant's amendment filed 8/25/2004. However,newly discovered prior

Art Unit: 2135

art has necessitated new grounds of rejection. The new grounds of rejection are presented above.

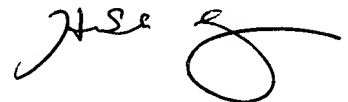
***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hosuk Song whose telephone number is 571-272-3857. The examiner can normally be reached on Tue-Fri from 6:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HS

A handwritten signature in black ink, appearing to read 'Hosuk Song', with a stylized flourish at the end.